

Standards and Regulatory Compliance

- RoHS compliant
- SFP28 MSA (multi-source agreement)
 - SFF-8071 Card Edge Connector
 - SFF-8402 Physical and Performance Specs
 - SFF-8472 Diagnostic Monitoring Interface

Protocols and Data Rates:

- 25G Ethernet (25 Gbps)
- 25G CPRI

Dimensions:

- LxWxH (mm): 56.5 x 13.9 x 11.85

Notes:

- Includes MDIO Digital Diagnostics



Connector:

- LC connector

Warranty:

- Limited lifetime Warranty

Approved Networks' 25G SFP28 optical transceivers offer direct compatibility with your existing switches and routers, as well as low power consumption, and high port density. 25G Ethernet transceivers can serve as an upgrade for 10G Ethernet SFP+ links, while our 25G CPRI optics are ideal for 5G wireless applications.

Passport transceivers are programmed for universal compatibility across multiple OEM platforms. This open methodology reduces costs and unlocks operational simplicity.

Part Number	Wavelength (nm)	Fiber Type	Rated Distance	Hardened Option Available ¹	Description	Avg. Launch Power per Lane (min/max) (dBm)	Avg. Rx Power per Lane (min/max) (dBm)	Max Power Consumption (W)
25G Ethernet								
25GSFP28E-SR(-H)	850	MMF	70m(OM3) ² 100m(OM4) ²	Yes	25GBase-SR SFP28, 70m/100m, MMF Duplex LC/UPC connector	-8.4/2.4	-10.3/2.4	1.0
25GSFP28E-SRL(-H)	850	MMF	150m (OM3) ² 200m(OM4) ²	Yes	25GBase-SRL SFP28, 150m/200m, MMF Duplex LC/UPC connector	-8.4/2.4	-10.3/2.4	1.0
25GSFP28E-LR(-H)	1310	SMF	10km	Yes	25GBase-LR SFP28 10km SMF Duplex LC/UPC connector (temp-hardened)	-7.0/2.0	12.0/2.0	1.5
25G CPRI								
25GSFP28C-ER(-H)	1310	SMF	40km	Yes	25G SFP28 CPRI 24.33G, LC/UPC connector (temp-hardened)	0/6.0	-19.0/-6.0	2.0

25GSFP28C-SR	850	MMF	70m (OM3) MMF 100m (OM4)	-	25G SFP28 CPRI 24.33G, Duplex LC/UPC connector (temp-hardened)	-8.4 / 2.4	-10.3 / 2.4	0.8
25GSFP28C-SR-H	850	MMF	70m (OM3) MMF 100m (OM4)	Yes	25G SFP28 CPRI 24.33G, Duplex LC/UPC connector (temp-hardened)	-8.4 / 2.4	-10.3 / 2.4	1.2
25GSFP28C-SRL-H	850	MMF	150m (OM3) 200m (OM4)	Yes	25G SFP28 CPRI 24.33G, Duplex LC/UPC connector (temp-hardened)	-1.0 / 2.4	-10.3 / 2.4	1.2
25GSFP28C-LR(-H)	1310	SMF	10km	Yes	25G SFP28 CPRI 24.33G, Duplex LC/UPC connector (temp-hardened)	-7.0 / 2.0	-12.0 / 2.0	1.5

Note:

1. Hardened Option - operating temperature range is -40 to +85°C (-40 to +185°F). Optical specifications are the same. Part number has a "-H" suffix.
2. Requires FEC on the host to support maximum distance, per 25GBASE-SR.

Contact Information

Tel: 800.582.0500

Web: <http://www.approvednetworks.com>